Performance, precision, user friendliness are three of the key features of the Kappa automatic wire cut & strip machines. Equipped with the latest in technology, these devices offer the ultimate in flexibility. Careful attention was paid to simple, quick conversion of these automatic machines.

Scope of use
The Kappa family has perfected the art of cutting to length and stripping individual and special wires. Stripping is done in steps, which means even extreme lengths can be stripped in perfect quality. These automatic machines cover a large range of cross sections and can each be put to all-purpose use in standalone operation.

The Kappa family supports a variety of further processes such as wire marking and flat cable processing.

Technology
Ultra modern microprocessor technology optimizes the movement sequences. Cutting heads and pressure rollers are CNC controlled. This allows the unique set-up and saving of all wire-related processing parameters.

Manual set-up procedures are reduced to a minimum.

Efficiency
The standard memory has capacity for 150 different wires. Recurring jobs can be set-up in seconds. Sequences of up to 100 individual wires can be programmed. These memory functions, coupled with quick-change guide parts, assure efficient utilization for series large and small.

When the optional KappaWin software is used, all machine functions can be controlled from a PC or laptop. In other words, the entire system and all upstream and downstream devices can be operated from a PC.

Special features
The user interface is identical for all Kappa models. This means a minimum of training is needed when different models are used. The graphical LCD display provides optimum assistance during set-up and production. The user can switch to a different language at any time. All process data can be entered with ease from the clearly laid-out keyboard.

A RS232 interface is integrated as standard equipment in the Kappa 220, 225, 235 and 240 automatic machines, allowing communication with a higher level computer (network or KappaWin). Clearly structured inputs/outputs enable a variety of peripheral devices to be triggered, e.g. an ink jet marker.

Kappa 210
Compact and solid. The machine for small cross sections and essential applications. Low-cost machine for simple applications.

Kappa 220
High equipment range. Comes equipped with convenient interfaces. A lot of accessories are included in the delivery. KappaWin capable from this model on.

Kappa 225
Enhanced performance. Extremely high cutting and pull-off forces. Can be expanded by adding a length measurement system and a lot of other options.

Kappa 235
The top model. Powerful double-roller drive for gentle application of force to the wires. Excellent drive performance and transport speed. Simplified quick programming. Optional processing of inner wires. The outer sheath and the insulation on the inner conductor are stripped in two steps. The sheath can be slit with appropriate blades/guide parts.

Kappa 240
The power pack. Solving and programmable stripping head, Vertical V module for the entire cross section area. Pneumatic cutting head for larger cross sections of up to 95mm². Stripping length of up to 10m thanks to combined use of stripping head (option) and stripping blade. The encoder measurement system ensures maximum accuracy in length measurement even when difficult processing is involved.
The Komax Kappa family of intermediate stripping machines is perfect for small batches and a wide range of processes. Key features include:

- Minimal training required
- Identical, easy, and clear LCD operation
- Extensive range of accessories
- Well-suited even for small processes
- Intermediate stripping machine
- Pull-off lengths: Side 1 40mm, Side 2 50mm
- Recommended values for piece number output:
  - Kappa 210: Maximum 500 pcs/h
  - Kappa 220: Maximum 1000 pcs/h
  - Kappa 225: Maximum 1500 pcs/h
  - Kappa 235: Maximum 2000 pcs/h
  - Kappa 240: Maximum 2500 pcs/h

**Applications**

- Horizontal and vertical straightening unit
- Integrated straightening unit
- Length measurement system
- Blade cleaning kit
- Equipment
- Length measurement system
- Accessories
- PC software
- Production tables
- Production assistance
- Worldwide customer service with complete supply of spare parts
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**Options**

- PC software
- Length measurement systems
- Sizing unit
- Flat cable processing
- Inner conductor processing
- Spare parts kit
- Downstream units
- PC software
- Length measurement systems
- Sizing unit
- Flat cable processing
- Inner conductor processing
- Spare parts kit
- Downstream units
- PC software
- Length measurement systems
- Sizing unit
- Flat cable processing
- Inner conductor processing
- Spare parts kit
- Downstream units

**Services**

- Local sales support
- Production assistance
- Training for different user levels
- Worldwide customer service with complete supply of spare parts

**Your benefits**

- The perfect machine for every application at an optimum price
- Large range of processes
- Well-suited even for small batches thanks to the extremely short set-up times
- Extensive range of accessories, e.g., delivery systems, PC software, inkjet/hot stamp marking and wire deposit systems (all from a single source)
- Identical, easy, and clear LCD operation for entire Kappa family
- Minimal training required

**Technical Data**

<table>
<thead>
<tr>
<th>Model</th>
<th>Kappa 210</th>
<th>Kappa 220</th>
<th>Kappa 225</th>
<th>Kappa 235</th>
<th>Kappa 240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire cross sections*</td>
<td>2 – 0.05–3mm²</td>
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</tr>
<tr>
<td>Weight</td>
<td>~28kg</td>
<td>~36kg</td>
<td>~55kg</td>
<td>~198kg</td>
<td>~28kg</td>
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<tr>
<td>Dimensions (W x H x D)</td>
<td>480 x 340 x 390mm</td>
<td>560 x 340 x 390mm</td>
<td>630 x 365 x 480mm</td>
<td>1030 x 570 x 790mm</td>
<td></td>
</tr>
<tr>
<td>Electrical connection</td>
<td>115/230V – 50/60Hz – automatic switch-over</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise level</td>
<td>&lt;70 dBA</td>
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<td>&lt;70 dBA</td>
<td></td>
</tr>
<tr>
<td>Selectable piece numbers</td>
<td>1–60'000 pieces</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piece output see diagram</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inner conductor*</td>
<td>2 – 3x1.5mm²</td>
<td></td>
<td></td>
<td></td>
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* Depending on the process involved, larger processing lengths may be able to be processed with the wire monitoring units off. 
*1 Depending on the process involved, larger processing lengths may be able to be processed with the wire monitoring units off. 

**Applications**

- Wire preparation
- Delivery systems
- Marker
- Flat cable notching machine
- Intermediat stripping machine

**Options**

- PC software for Windows 9x/NT/2000
- Wire deposition/take-up system
- Passive wire deposition
- Horizontal and vertical straightening unit
- Integrated straightening unit
- Length measurement system
- Blade cleaning kit

**Services**

- Local sales support
- Production assistance
- Training for different user levels
- Worldwide customer service with complete supply of spare parts

Kappa 210/220/225/235/240

Maximum flexibility – minimal conversion times

Kappa 210/220/225/235/240

Recommended speeds for processing wire as given in the table above.

*1 Depending on the process involved, larger processing lengths may be able to be processed with the wire monitoring units off.

Kappa 235 (inner conductor option): TD 3 x 0.75mm²

Recommended values for piece number outputs on the Kappa 235.

Recommended speeds for processing wire as given in the table above.

Kappa 220 slitting head (option)

Kappa 235 inner conductor processing (option)

Kappa 240 slitting head (option)

Kappa 235 inner conductor processing (option)

Kappa 220 slitting head (option)

Kappa 235 inner conductor processing (option)

Kappa 240 slitting head (option)

Kappa 235 inner conductor processing (option)